

Claims 1-38 (canceled).

39. (currently amended): ~~A flap-type grinding tool as recited in claim 38 wherein the disk is an automatically acting clamping apparatus~~ A flap-type grinding tool which is configured symmetrically about an axis of rotation comprising:

- (a) a disk that is an automatically clamping apparatus;
- (b) a carrier ring separate from the disk held by the disk; and
- (c) abrasive flaps attached to the carrier ring.

40. (currently amended): ~~A flap-type grinding tool as recited in claim 38 wherein the disk is designed as a centrifugal force clamping apparatus for holding the carrier ring.~~ A flap-type grinding tool which is configured symmetrically about an axis of rotation comprising:

- (a) a disk that is designed as a centrifugal force clamping apparatus for holding the carrier ring;
- (b) a carrier ring separate from the disk held by the disk; and
- (c) abrasive flaps attached to the carrier ring.

41. (Currently amended): ~~A flap-type grinding tool as recited in claim 38 wherein the disk comprises:~~

- ~~—— (a) core;~~
- ~~—— (b) a rubber ring attached to the core in such a manner to enable the ring to expand radially and enlarge an outer diameter of the rubber ring upon rotation of the core which holds the rubber ring, whereby the rubber ring is forced against an inner diameter of the~~

~~carrier ring holding the carrier ring to the disk.~~ A flap-type grinding tool which is configured symmetrically about an axis of rotation comprising:

- (a) a disk having a core and a rubber ring attached to the core
- (b) a carrier ring separate from the disk held by the disk, the rubber ring is attached to the core in such a manner to enable the ring to expand radially and enlarge an outer diameter of the rubber ring upon rotation of the core which holds the rubber ring, whereby the rubber ring is forced against an inner diameter of a carrier ring holding the carrier ring to the disk; and
- (c) abrasive flaps attached to the carrier ring.

42. (previously presented): A flap-type grinding tool as recited in claim 41 wherein the rubber ring has a plurality of slits.

43. (Currently amended) ~~A flap-type grinding tool as recited in claim 38 wherein the disk is designed as an eccentric force clamping apparatus for holding the carrier ring.~~ A flap-type grinding tool which is configured symmetrically about an axis of rotation comprising:

- (a) a disk that is designed as an eccentric force clamping apparatus for holding the carrier ring;
- (b) a carrier ring separate from the disk held by the disk; and
- (c) abrasive flaps attached to the carrier ring.

44. (currently amended): A flap-type grinding tool as recited in claim ~~[[38]]~~ 39 wherein the disk comprises:

- (a) a symmetrical lateral surface;
- (b) a central element which extends from the symmetrical lateral surface to an axis of rotation in which the central element produces a contact surface for contact with an external drive apparatus.

45. (previously presented): A flap-type grinding tool as recited in claim 44 wherein the abrasive flaps attached to the carrier ring are attached to a periphery of the carrier ring.

46. (Currently amended): ~~A flap-type grinding tool as recited in claim 45 including disk abrasive flaps attached to an edge of the symmetrical lateral surface of the disk.~~ A flap-type grinding tool which is configured symmetrically about an axis of rotation comprising:

- (a) a disk having a symmetrical lateral surface and a central element which extends from the symmetrical lateral surface to an axis of rotation in which the central element produces a contact surface for contact with an external drive apparatus;
- (b) a carrier ring separate from the disk held by the disk;
- (c) abrasive flaps attached to the periphery of the carrier ring; and
- (d) disk abrasive flaps attached to an edge of the symmetrical lateral surface of the disk.

47. (Currently amended): ~~A flap-type grinding tool as recited in claim 38 wherein the carrier ring has a lateral periphery surface that is inclined from 0 degrees to 75 degrees from the axis rotation.~~ A flap-type grinding tool which is configured symmetrically about an axis of rotation comprising:

- (a) a disk;

(b) a carrier ring separate from the disk held by the disk, the carrier ring has a lateral periphery surface that is inclined from 0 degrees to 75 degrees from the axis of rotation;

and

(c) abrasive flaps attached to the carrier ring.

48. (Currently amended): ~~A flap-type grinding tool as recited in claim 45 wherein the disk is sufficiently angled in the region of the contact surface such that the contact surface is disposed axially outside a body of rotation described by the outside edges of the abrasive flaps.~~ A flap-type grinding tool which is configured symmetrically about an axis of rotation comprising:

(a) a disk having a symmetrical lateral surface and a central element which extends from the symmetrical lateral surface to an axis of rotation in which the central element produces a contact surface for contact with an external drive apparatus,;

(b) a carrier ring separate from the disk held by the disk; and

(c) abrasive flaps attached to the periphery of the carrier ring, the disk is sufficiently angled in the region of the contact surface such that the contact surface is disposed axially outside a body of rotation described by the outside edges of the abrasive flaps.

49. (Currently amended): A flap-type grinding tool as recited in claim ~~[[38]]~~ 39 wherein the disk is produced from a material wherein the material is selected from the group consisting of plastic, fiber-reinforced plastic, aluminum, and steel.

50. (Currently amended): A flap-type grinding tool as recited in claim ~~[[38]]~~ 39 wherein the carrier ring is produced from a material wherein the material is selected from the group consisting of plastic, fiber-reinforced plastic, hard rubber, hard paper, aluminum, and steel.

51. (Currently amended): A flap-type grinding tool as recited in claim ~~[[38]]~~ 39 wherein the disk is adapted for connecting to a rapid clamping apparatus for connecting the flap-type grinding tool to an external drive apparatus.